

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019943.D
Acq On : 29 Feb 2024 18:32
Operator : MA/JU
Sample : P1620-31
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-4

Quant Time: Mar 01 03:43:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	91629	20.000	ng	-0.02
21) Naphthalene-d8	10.693	136	356053	20.000	ng	-0.02
39) Acenaphthene-d10	14.539	164	256919	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	616464	20.000	ng	-0.02
76) Chrysene-d12	21.404	240	562651	20.000	ng	-0.02
86) Perylene-d12	23.833	264	534687	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	375810	67.320	ng	-0.02
7) Phenol-d6	7.069	99	525733	63.254	ng	-0.02
23) Nitrobenzene-d5	9.063	82	371150	42.083	ng	-0.02
42) 2,4,6-Tribromophenol	16.039	330	308392	70.005	ng	-0.02
45) 2-Fluorobiphenyl	13.163	172	886085	46.598	ng	-0.02
79) Terphenyl-d14	19.874	244	1808009	50.648	ng	-0.02

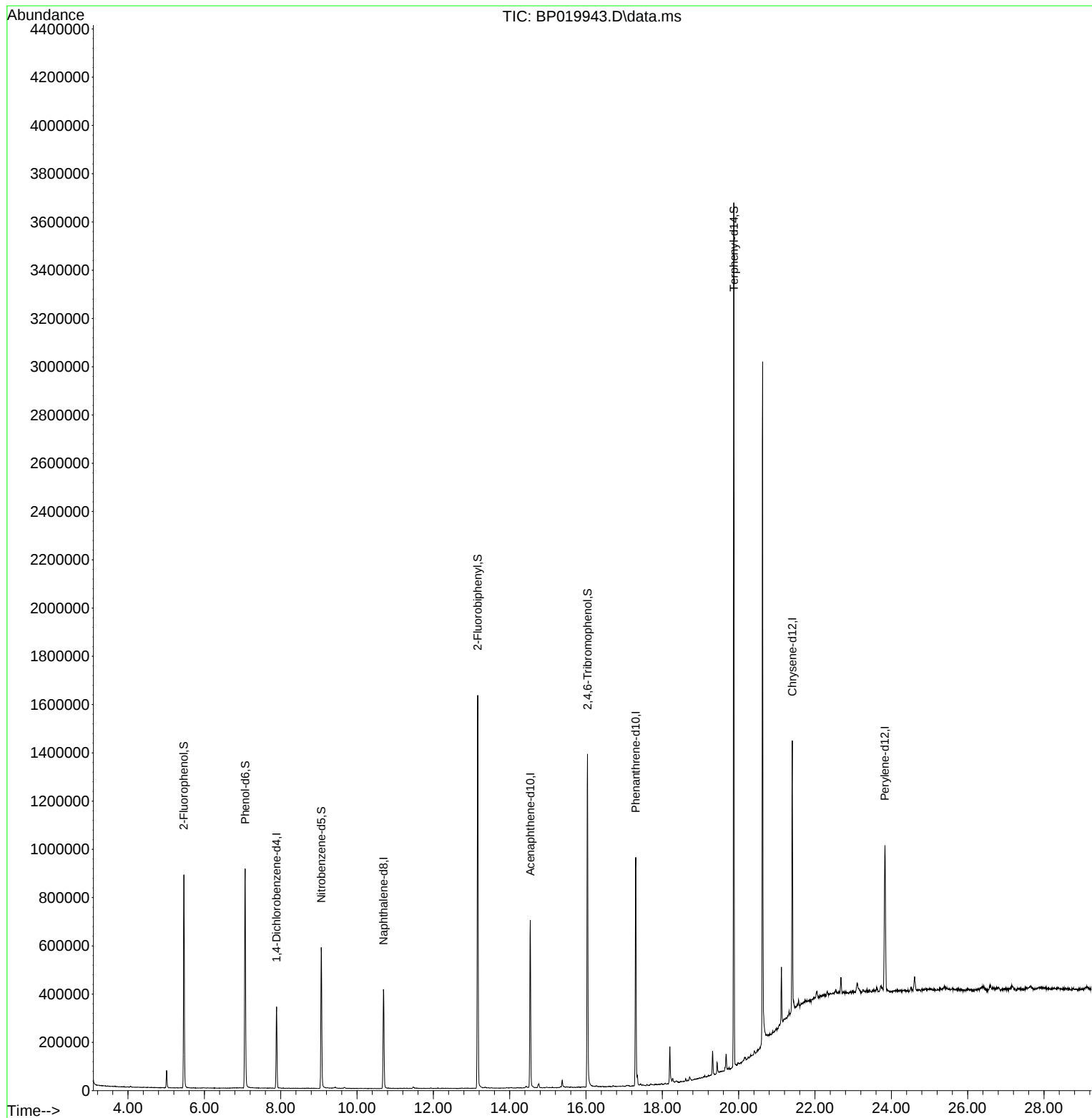
Target Compounds	Qvalue

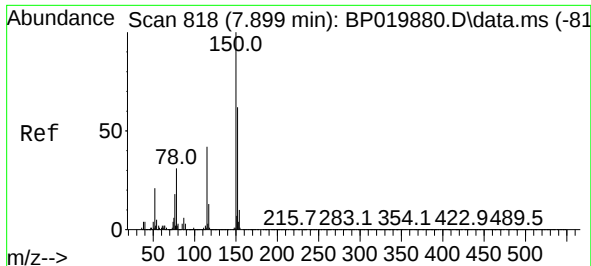
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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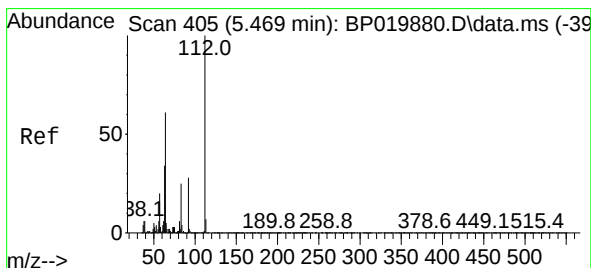
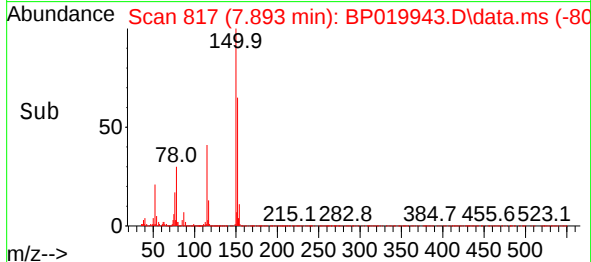
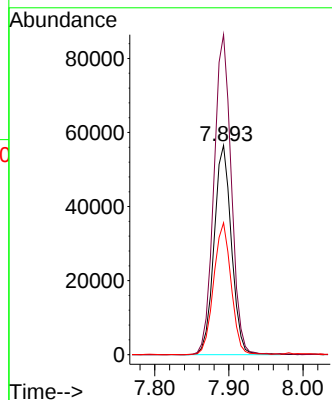
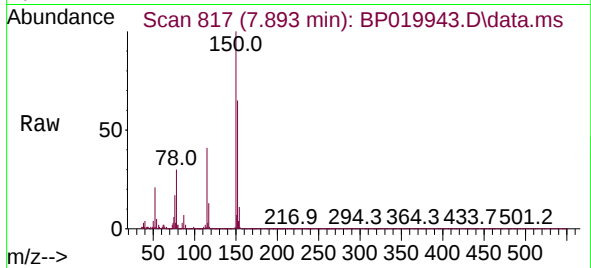




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

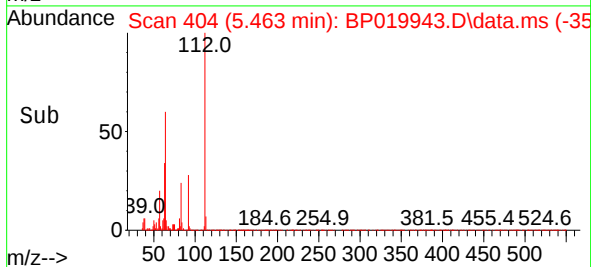
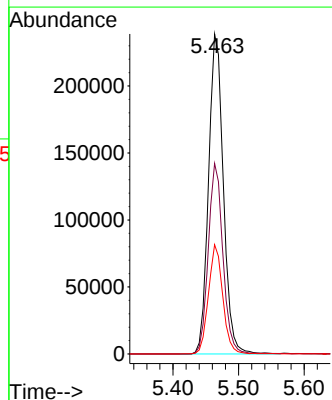
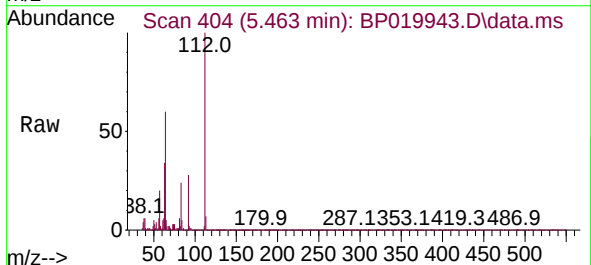
Instrument :
BNA_P
ClientSampleId :
SP-4

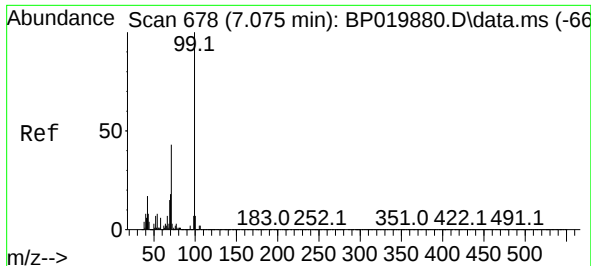
Tgt Ion:152 Resp: 91629
Ion Ratio Lower Upper
152 100
150 152.9 128.6 192.8
115 63.0 53.4 80.2



#5
2-Fluorophenol
Concen: 67.320 ng
RT: 5.463 min Scan# 404
Delta R.T. -0.018 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

Tgt Ion:112 Resp: 375810
Ion Ratio Lower Upper
112 100
64 59.5 49.0 73.6
63 34.1 27.6 41.4

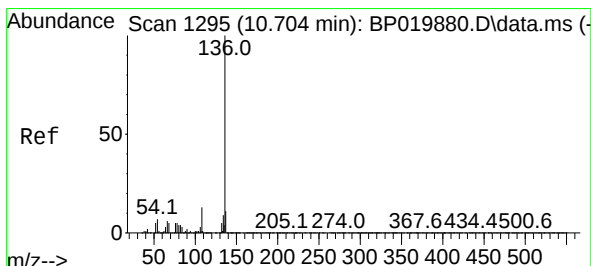
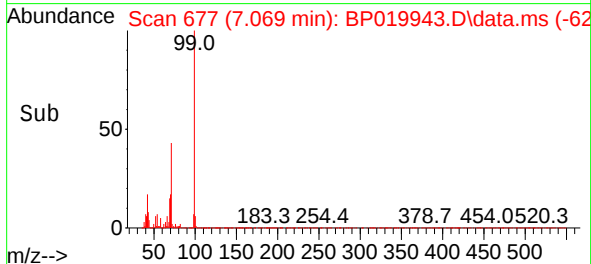
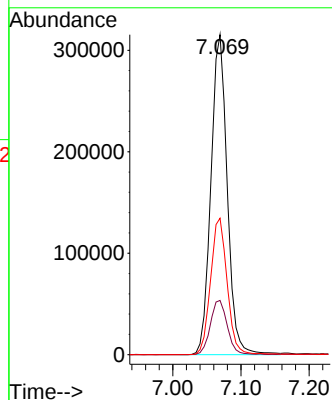
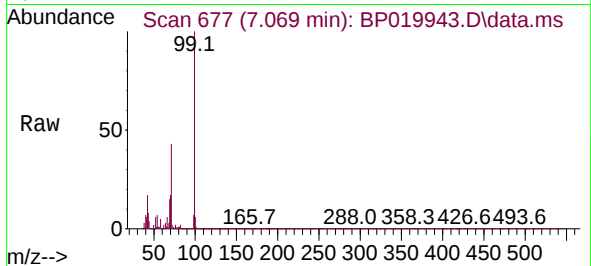




#7
Phenol-d6
Concen: 63.254 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

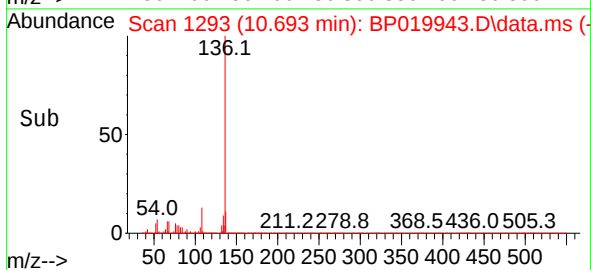
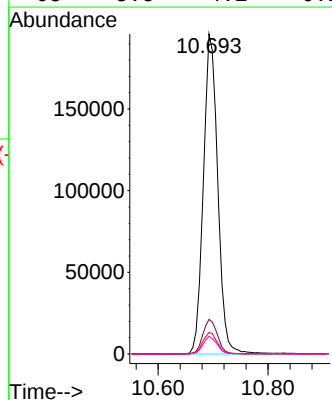
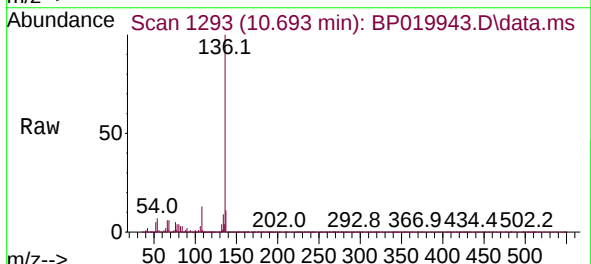
Instrument :
BNA_P
ClientSampleId :
SP-4

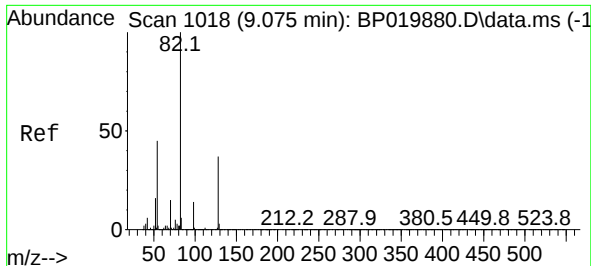
Tgt Ion: 99 Resp: 525733
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.8
71 42.7 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.024 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

Tgt Ion: 136 Resp: 356053
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.7 6.0 9.0
68 5.5 4.2 6.2

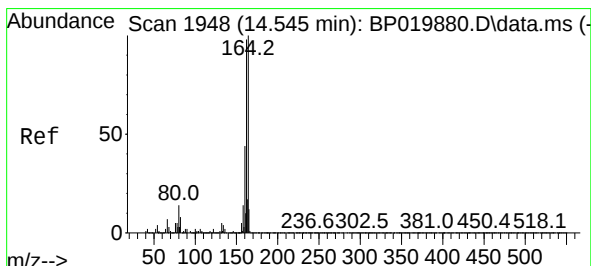
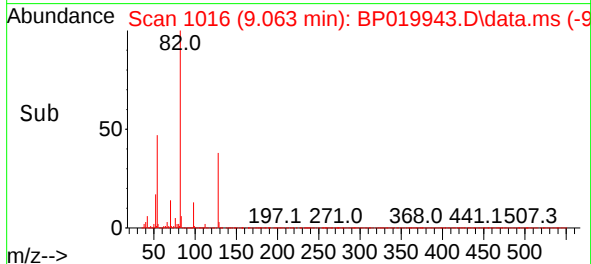
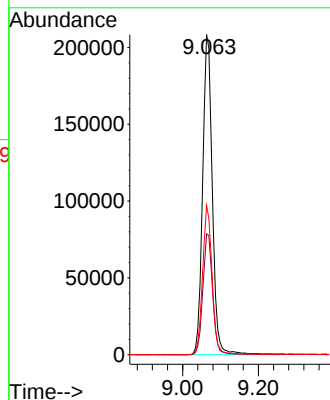
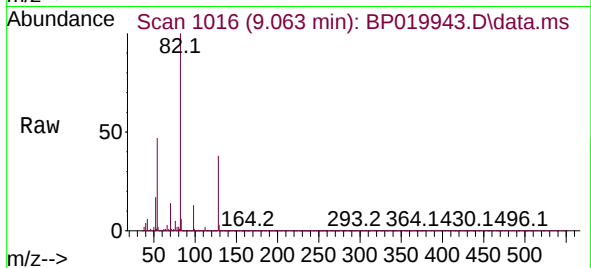




#23
Nitrobenzene-d5
Concen: 42.083 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

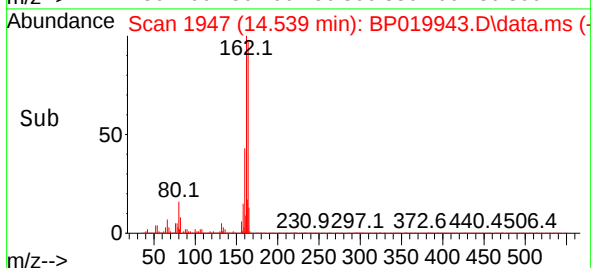
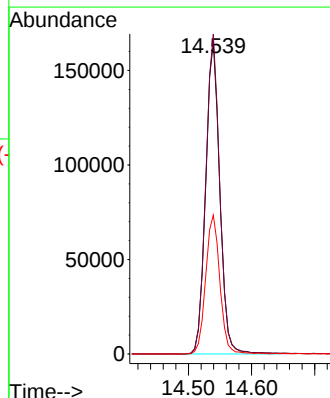
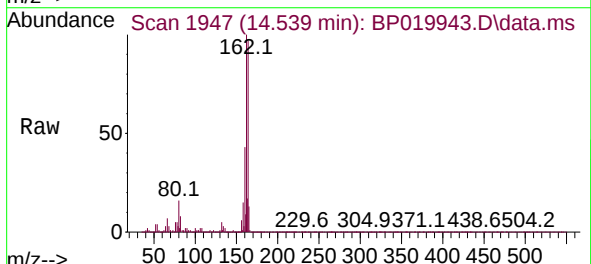
Instrument :
BNA_P
ClientSampleId :
SP-4

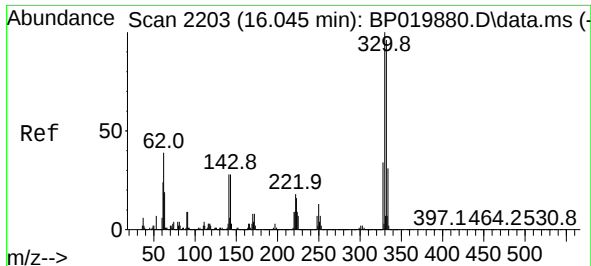
Tgt Ion: 82 Resp: 371150
Ion Ratio Lower Upper
82 100
128 37.7 29.6 44.4
54 46.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP019943.D
Acq: 29 Feb 2024 18:32

Tgt Ion: 164 Resp: 256919
Ion Ratio Lower Upper
164 100
162 102.8 78.1 117.1
160 44.6 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 70.005 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

Instrument :

BNA_P

ClientSampleId :

SP-4

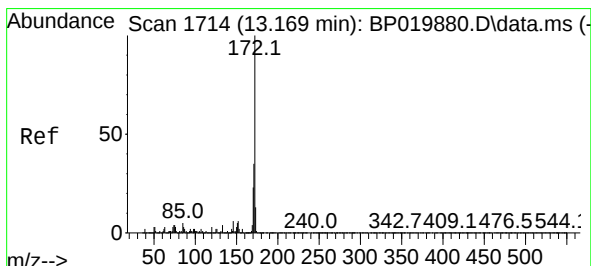
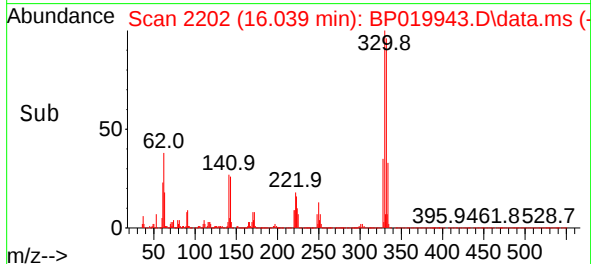
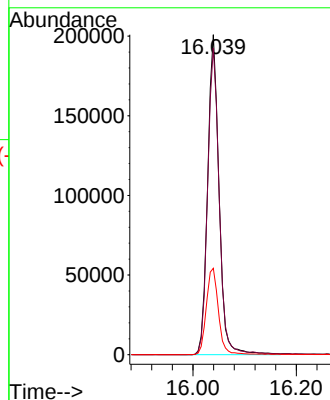
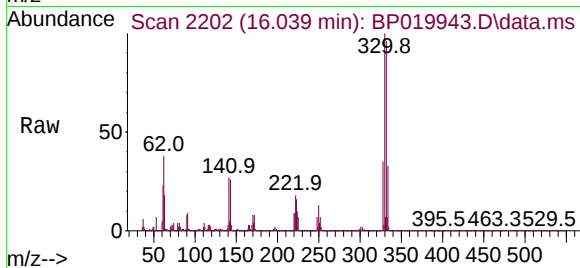
Tgt Ion:330 Resp: 308392

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

141 28.7 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 46.598 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.018 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

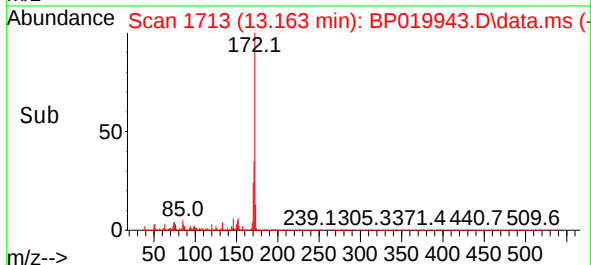
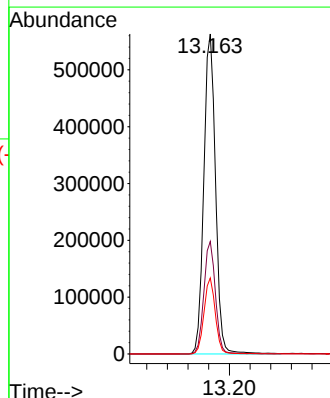
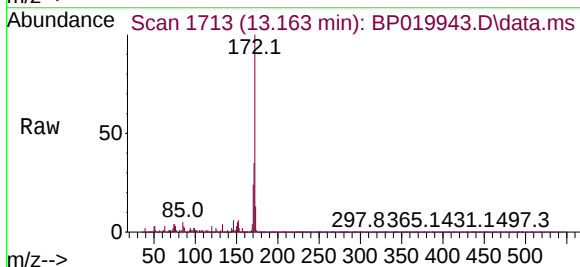
Tgt Ion:172 Resp: 886085

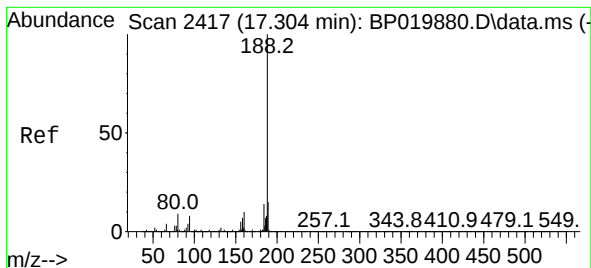
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

Instrument :

BNA_P

ClientSampleId :

SP-4

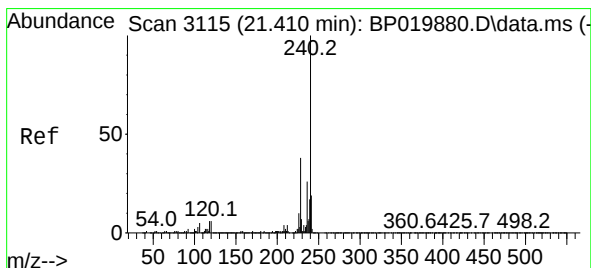
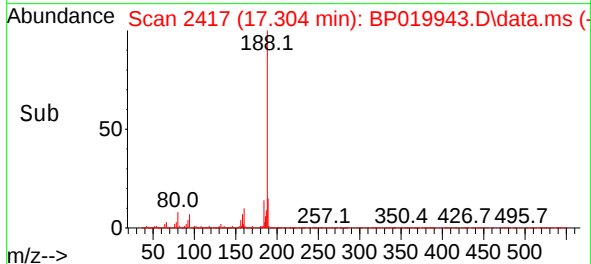
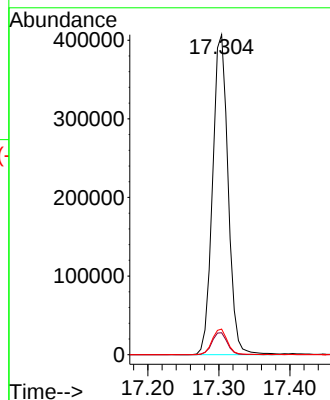
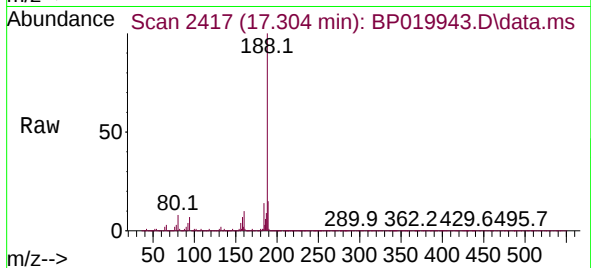
Tgt Ion:188 Resp: 616464

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.4

80 8.0 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.024 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

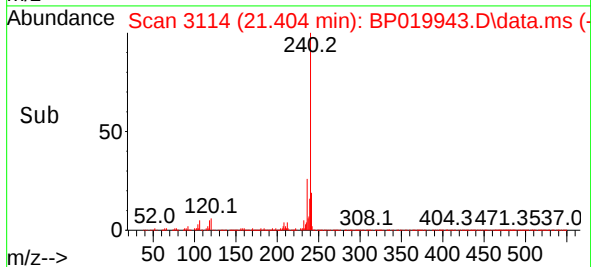
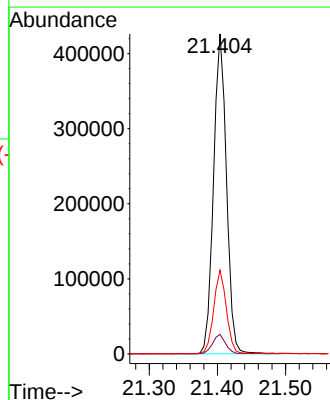
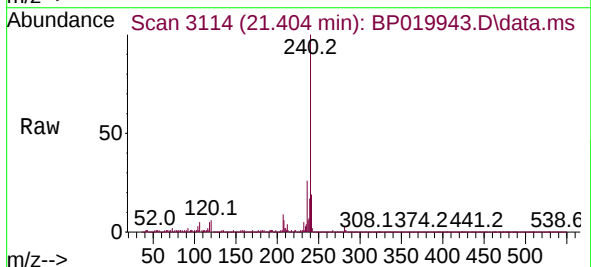
Tgt Ion:240 Resp: 562651

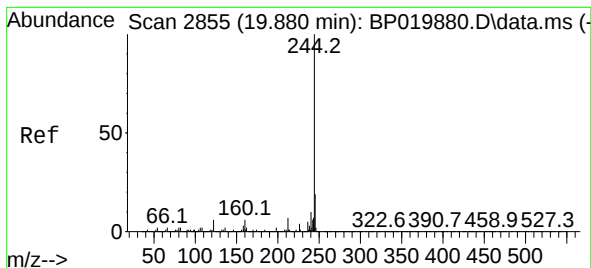
Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 50.648 ng

RT: 19.874 min Scan# 2854

Delta R.T. -0.018 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

Instrument :

BNA_P

ClientSampleId :

SP-4

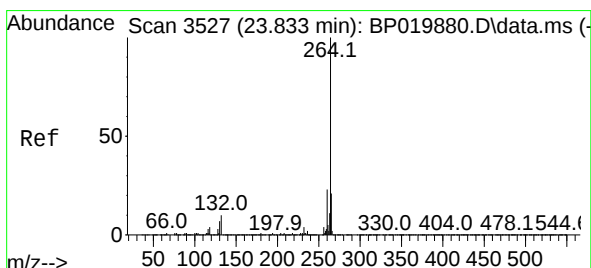
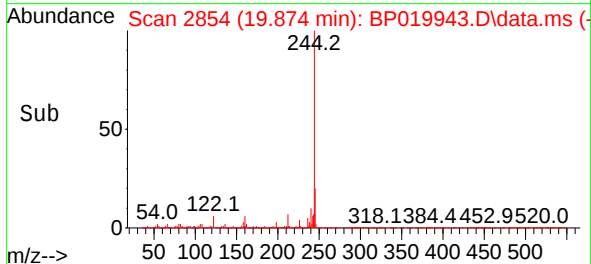
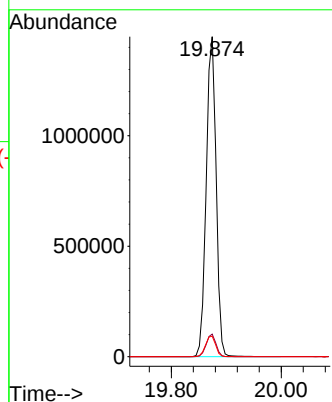
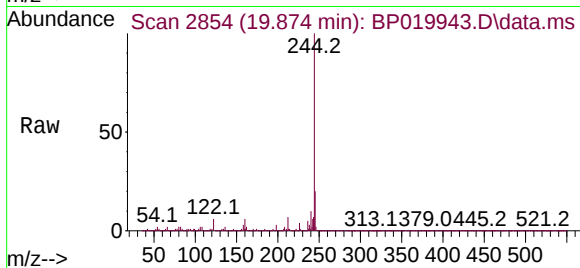
Tgt Ion:244 Resp: 1808009

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.4 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3527

Delta R.T. -0.035 min

Lab File: BP019943.D

Acq: 29 Feb 2024 18:32

Tgt Ion:264 Resp: 534687

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.9 17.4 26.2

